PTO/SB/05 (03-01) or use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

1662-50200 (P99-2496) Attorney Docket No. Robert L. NOONAN First Inventor Bi-Directional Bus Bridge In Which Multiple.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. EV041361777US

ADDRESS TO: Box Patent Application ADDRESS TO: Box Patent P	6		Aggintant Commissionar for Datanta					
Feat Transmittal Form (e.g., PTO/SBIT)		,						
Computer Program (Appendix) 2.	1		Washington, DC 20231					
Applicant claims small entity status. Applicant claims small entity status.		1. (Submit an original and a duplicate for fee processing)						
3. Specification [Total Pages 17] - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Diet Summary of the Invention - Claim(s) - Abstract of the Disclosure 4.			8. Nucleotide and/or Amino Acid Sequence Submission					
- Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Sequence listing at Bole, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Claim(s) - Abstract of the Disclosure - A Drawing(s) (35 U.S.C. 113)								
- Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Claim(s) - Claim(s) - Abstract of the Disclosure - Crawing(s) (35 U.S.C. 113) [Total Sheets 4] - Astract of the Disclosure - Total Pages - All More Poderation - Newly executed (original or copy) - Copy from a prior application (37 CFR 1.83 (d)) - DELETION OF INVENTIOR(S) - Signed statement attached deleting inventor(s) - In DELETION OF INVENTIOR(S) - In Deletion Delat Sheet See 37 CFR - In Signed statement attached deleting inventor(s) - In Application Data Sheet under 37 CFR 1.76 - In Application Data Sheet with a continuation of the prior application in the pr		 Descriptive title of the invention 	·					
- Reference to Sequence issuing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Invention - Brief Description of the Dirawings (if filed) - Detailed Description - Claim(s) - Claim(sed) - Claim(s) - Claim(set sa assignee) - Ples for (submal specifically ternized) - Claim(set sa assignee) - Claim(set			i. CD-ROM or CD-R (2 copies); or					
Background of the Invention Brief Description of the Drawings (if filed) Brief Description Brief Description Brief Description Brief Description Brief Description Brief Description Claim(s) Claim(s) Abstract of the Disclosure A W Drawing(s) (35 U.S.C. 113) [Total Sheets 4] Joanning(s) (35 U.S.C. 113) [Total Sheets 4] South or Declaration Total Pages 2] Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Copy from a prior application (37 CFR 1.63 (d)) Brief (information Disclosure) Brief (information Disclosure) Copy from a prior application (information Disclosure) Copy from a prior application Data Sheet under 37 CFR 1.76: Continustion Data Sheet under 37 CFR 1.76: Continustion Disclosure Disclosure (information Disclosure) Disclosure (information Disclosure) For continustion Disclosure (information Disclosure) Disclosure (information Disclosure) For continustion Disclosure (information Disclosure) Disclosure (information Disclosure			ii. 🔲 paper					
4.		- Background of the Invention						
4.			ACCOMPANYING APPLICATION PARTS					
4.	ជ្វា							
4.	Ø	1 /	37 CFR 3.73(b) Statement Power of					
5. Oath or Declaration [Total Pages 2] 12. State Copies of IDS Citations 5. Oath or Declaration [Total Pages 2] 13. Information Disclosure Copies of IDS Citations 6. Newly executed (original or copy) 13. Preliminary Amendment (IDS)/PTO-1449 6. Information Disclosure Copies of IDS Citations 7. Newly executed (original or copy) 13. Preliminary Amendment (IDS)/PTO-1449 8. Information Disclosure Copies of IDS Citations 8. Newly executed (original or copy) 13. Preliminary Amendment 14. Preliminary Amendment 14. Preliminary Amendment 15. Preliminary Amendmen	74 177	4	(when there is an assignee) — Attorney					
Statement (IDS)PI-O 1449 a. Wewly executed (original or corpy) Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation) divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application information: Examinar For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Ber Code Label Name Address City State Zip Code Country For Continuation Return Receipt Postcard (MPEP 503) (Should be specifically itemized) (Should be specifically	8		13 Information Disclosure Copies of IDS					
a Copy from a prior application (37 CFR 1.63 (d)) b Copy from a prior application (37 CFR 1.63 (d)) c DELETION OF INVENTOR(S) signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33 (b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisitle information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Divisional Continuation-in-part (CIP) of prior application No		o. Call of Books and and a first and a fir	Statement (IDS)/P10-1449 — Statement					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of pior application information is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS City State Zip Code Country Telephone Fax Name (Printl/Type) Janathan M. Jaffris Registration No. (Attorney/Agent) 44,144		Copy from a prior application (37 CFR 1.63 (d))	Return Receipt Postcard (MPEP 503)					
Signification State-limit Authority State 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Other: Group An Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Submitted application and is hereby incorporated by reference. 19. Correspondence address below 19. Country 19. Correspondence address below 19. Correspondence address below 19. Country 19. Correspondence address below 19. Correspondence address below 19. Country 19. Correspondence address below 19. Correspondence address 19. Cor	M	i. DELETION OF INVENTOR(S)						
Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-In-part (CIP) of prior application No			Nonpublication Request under 35 U.S.C. 122					
Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of pilor application No	Final		(b)(2)(B)(i). Applicant must attach form PTO/SB/35					
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No.: Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Use Customer Number or Ber Code Label (Insert Customer No. or Atlach bar code label here) Name Address City State Zip Code Country Telephone Fax Name (Printl Type) Janathan M. Harris Registration No. (Attorney/Agent) 44,144		6. Application Data Sheet. See 37 CFR 1.76	1 _					
Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Ber Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below Name Address City State Zip Code Country Telephone Fax Name (Print/Type) Janathan M. Harris Registration No. (Attorney/Agent) 44,144		18. If a CONTINUING APPLICATION, check appropriate box, and supply	the requisite information below and in a preliminary amendment,					
Prior application information: Exeminer Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Ber Code Label (Insert Customer No. or Attach bar code label here) Or Correspondence address below Name Address City State Zip Code Country Telephone Fax Name (Print/Type) Jonathan M. Jarris Registration No. (Attorney/Agent) 44,144		or in an Application Data Sheet under 37 CFR 1.76:						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 23505 (Insert Customer No. or Attach bar code label here) Or Correspondence address below Name Address City State Zip Code Country Telephone Fax Name (Printl Type) Jenathan M. Harris Registration No. (Attorney/Agent) 44,144								
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS V								
The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 23505		Box 5b. is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.						
Customer Number or Bar Code Label Customer Number or Bar Code Label 23505		The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
Name Address City Country State Zip Code Country Telephone Fax Name (Print/Type) Janathan M. Hafris Registration No. (Attorney/Agent) 44,144		19. CORRESPONDENCE ADDRESS						
Address City State Zip Code Country Telephone Fax Name (Print/Type) Jenathan M. Hafris Registration No. (Attorney/Agent) 44,144		UV Customer Number or Res Code Label	de label here) or Correspondence address below					
Address City State Zip Code Country Telephone Fax Name (Print/Type) Jenathan M. Hafris Registration No. (Attorney/Agent) 44,144		Name						
City State Zip Code Country Telephone Fax Name (Print/Type) Janathan M. Harris Registration No. (Attorney/Agent) 44,144								
City State Zip Code Country Telephone Fax Name (Print/Type) Janathan M. Harris Registration No. (Attorney/Agent) 44,144		Address						
Name (Print/Type) Janathan M. Harris Registration No. (Attorney/Agent) 44,144			State Zip Code					
Name (Finite Type)		Country Telepi	hone Fax					
	Name (Print/Type) Janathan M. Harris Registration No. (Attorney/Agent) 44							
\$ **********		Signature And Man Hos						

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE o a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to re

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 948.00

Complete if Known							
Application Number	NOT YET ASSIGNED						
Filing Date	CONCURRENTLY HEREWITH						
First Named Inventor	Robert L. NOONAN						
Examiner Name	UNKNOWN						
Group Art Unit	UNKNOWN						
Attorney Docket No.	1662-50200 (P99-2496)						

METHOD OF PAYMENT FEE CALCULATION (continued)						
ſ	1. The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to:	3. ADDITIONAL FEES				
	indicated fees and credit any overpayments to: Deposit	Large Small				
١	Account Number 03-2769	Entity Entity Fee Fee Fee Fee Fee Fee Paid				
	Deposit	Code (\$) Code (\$)				
ı	Account Name Conley, Rose & Tayon, P.C.	105 130 205 65 Surcharge - late filing fee or oath				
ᆚ	Charge Any Additional Fee Required	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
	Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification				
L. H. L. J. H. J.	Applicant claims small entity status. See 37 CFR 1.27					
	2. Payment Enclosed:	147 2,520 147 2,520 For filing a request for <i>ex parte</i> reexamination 112 920* 112 920* Requesting publication of SIR prior to				
Ī.	Check Credit card Money Cother	Examiner action				
Õ	FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
j		115 110 215 55 Extension for reply within first month				
¢	1. BASIC FILING FEE Large Entity Small Entity	116 400 216 200 Extension for reply within second month				
	Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month				
¥	0000 (4)	118 1,440 218 720 Extension for reply within fourth month				
Ų.	101 740 201 370 Utility filing fee 740.00	128 1,960 228 980 Extension for reply within fifth month				
	107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal				
7	108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal				
7	114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing				
Ŧ		138 1,510 138 1,510 Petition to institute a public use proceeding				
1	SUBTOTAL (1) (\$) 740.00	140 110 240 55 Petition to revive - unavoidable				
	2. EXTRA CLAIM FEES Fee from	141 1,280 241 640 Petition to revive - unintentional				
	Extra Claims below Fee Paid					
	Total Claims 19 -20** = -0- X 18.00 = 00.00 Independent 5 -3** = 2	143 460 243 230 Design issue fee				
	Claims 3 3 2 2 1 84.00 = 108.00	144 620 244 310 Plant issue fee				
1	Multiple Dependent $280.00 = 00.00$	122 130 122 130 Petitions to the Commissioner				
١	Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
ı	Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
ı	Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
ı	102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection				
ı	104 280 204 140 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))				
	109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))				
ı	110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)				
	and over original patent	169 900 169 900 Request for expedited examination of a design application				
	SUBTOTAL (2) (\$) 168.00	Other fee (specify)				
	00B101AL (2)	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00				
1	**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) ((\$) 40.00				

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Jonathan M Harris	Registration No. 44,144	Telephone	(713) 238-8000
Signature	John I'm	1	Date	December 5, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.